AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph beginning on page 1, line 6 as follows.

The present application is related to and takes priority from U. S. Provisional Patent Application entitled "System And Method For Precise, Accurate And Stable Optical Timing Information Definition", Serial No. 60/434,539, filed December 18, 2002, and is further related to ~~co-pending~~ U.S. Pat. App. Ser. No. 10/691,869, ~~Patent applications~~ entitled "System And Method For Developing High Output Power Nanosecond Range Pulses From Continuous Wave Semiconductor Laser Systems", now U.S. Pat. No. 7,869,477, and U.S. Pat. App. Ser. No. 10/692,175, entitled "System And Method For Precise, Accurate And Stable Optical Timing Information Definition Including Internally Self-Consistent Substantially Jitter Free Timing Reference", all commonly owned by the assignee of the present invention, the entire contents of which are expressly incorporated herein by reference.

Please amend paragraph beginning on page 5, line 24 as follows.

~~17.~~ In an optoelectronic timing system, an adaptive frequency generator system comprising:

Please amend paragraph beginning on page 29, line 26 as follows.

Returning momentarily to the first-level loop of the system, it should be noted that the 20 kilometer fiber terminates in a further photo detector ~~Fig. 4~~ 84, which is used to retrigger the initial semiconductor laser 60 in closed-loop fashion. Accordingly, the initial ~~semi conductor~~ semiconductor laser 60 operates at approximately 0.1 millisecond intervals. Also, each of the photo detectors (64, 70, 76, and the like) have an output coupled to a corresponding incremental counter (indicated collectively at 86) that offers a count-up methodology by which seconds, minutes, hours, days, etc., can be simply and easily accounted for in order to translate the optical timing loops of the system into a rigorous and extremely accurate precision time keeping device.

PATENT LAW OFFICE OF
DAVID MILLERS
1221 SUN RIDGE ROAD
PLACERVILLE, CA 95667
PH: (530) 621-4545
FX: (530) 621-4543